

# Technical Data Sheet

CODE 17190

## LINEO 100 T QUIET

Sound-proof mixed flow extractor fans



### Certifications



IMQ Performance



UKCA

### TECHNICAL AND PERFORMANCE DATA

|  |         |   |       |
|--|---------|---|-------|
| Frequency (Hz)   | 50-60   | Max airflow at Mid speed at 60 Hz (m <sup>3</sup> /h)         | 190   |
| Insulation class   | II°     | Max airflow at Min speed (l/s)                                | 55,6  |
| IP   | 45      | Max airflow at Min speed at 60 Hz (l/s)                       | 43,1  |
| Max absorbed current at maMinx speed at 60 Hz (A)  | 0,10    | Max airflow at Min speed at 60 Hz (m <sup>3</sup> /h)         | 155   |
| Max absorbed current at Max speed (A)  | 0,13    | Max pressure at 60 Hz (mmH2O)                                 | 14,4  |
| Max absorbed current at Max speed at 60 Hz (A)   | 0,13    | Max pressure at Max speed (mmH2O)                             | 15    |
| Max absorbed current at Mid speed (A)  | 0,11    | Max pressure at Max speed (Pa)                                | 147,1 |
| Max absorbed current at Mid speed at 60 Hz (A)   | 0,11    | Max pressure at Max speed at 60Hz (Pa)                        | 141,2 |
| Max absorbed current at Min speed (A)  | 0,09    | Max pressure at Mid speed (mmH2O)                             | 11,5  |
| Max absorbed power at Max speed (W)  | 27      | Max pressure at Mid speed (Pa)                                | 112,8 |
| Max absorbed power at Max speed at 60 Hz (W)   | 27      | Max pressure at Mid speed at 60Hz (mmH2O)                     | 11,2  |
| Max absorbed power at Mid speed (W)  | 24      | Max pressure at Mid speed at 60Hz (Pa)                        | 109,8 |
| Max absorbed power at Mid speed at 60 Hz (W)   | 23      | Max pressure at Min speed at 60Hz (mmH2O)                     | 7,6   |
| Max absorbed power at Min speed at 60 Hz (W)   | 13      | Max pressure at Min speed at 60Hz (Pa)                        | 74,5  |
| Max ambient temperature for continuous operation (°C)  | 45      | Max RPM   | 2260  |
| Max room temperature for continuous operation at 60 Hz (°C)  | 45      | Max speed at 60 Hz (Rpm)                                      | 2100  |
| Nominal diameter (mm)  | 100     | Mid speed at 60 Hz (Rpm)                                      | 1795  |
| Power absorbed at 1st speed (W)  | 11      | Min RPM   | 1455  |
| Voltage (V)  | 220-240 | Min speed at 60 Hz (Rpm)                                      | 1445  |
| Weight (Kg)  | 3,8     | Potenza sonora at supply side at Min speed LWA [dB (A)]       | 40    |
| Airflow at 1st speed (l/s)   | 41,7    | Pressure at 1st speed (mmH2O)                                 | 9     |
| Airflow at 1st speed (m <sup>3</sup> /h)   | 150     | Pressure at 1st speed (Pa)                                    | 88,3  |
| Breakout sound power LWA at Max speed [dB (A)]   | 48,9    | RPM at Mid speed  | 1880  |
| Breakout sound power LWA at Mid speed [dB (A)]   | 44      | Sound power at extract side at Max speed LWA [dB (A)]         | 52,8  |
| Breakout sound power LWA at Min speed [dB (A)]   | 36,5    | Sound power at extract side at Mid speed LWA [dB (A)]         | 48,3  |
| Breakout sound pressure at 3m at Max speed Lp [dB (A)]   | 28,4    | Sound power at extract side at Min speed LWA [dB (A)]         | 40,3  |
| Breakout sound pressure at 3m at Mid speed Lp [dB (A)]   | 23,5    | Sound power at supply side at Max speed LWA [dB (A)]          | 52,6  |
| Breakout sound pressure at 3m at Min speed Lp [dB (A)]   | 16      | Sound power at supply side at Mid speed LWA [dB (A)]          | 47,8  |
| Max airflow at Max speed (l/s)   | 72,2    | Sound pressure at extract side at 3m at Max speed Lp [dB (A)] | 35,3  |
| Max airflow at Max speed (m <sup>3</sup> /h)   | 260     | Sound pressure at extract side at 3m at Mid speed Lp [dB (A)] | 30,8  |
| Max airflow at Max speed at 60 Hz (l/s)  | 63,9    | Sound pressure at extract side at 3m at Min speed Lp [dB (A)] | 22,8  |
| Max airflow at Max speed at 60 Hz (m <sup>3</sup> /h)  | 230     | Sound pressure at suply side at 3m at Max speed Lp [dB (A)]   | 35,1  |
| <b>PER INFORMAZIONI:</b>   |         |   |       |
| <b>Servizio al Cliente:</b> tel +39 02 90699395 premendo 1 dopo messaggio registrato (consulenza su prodotti e impianti) |         |   | 30,3  |
| <b>Pre &amp; Post Vendita:</b> fax +39 02 90699302   |         |   |       |
| <b>Email preventida:</b> preventida@vortice-italy.com  |         |   | 22,5  |

# Technical Data Sheet

CODE 17190

## LINEO 100 T QUIET

Sound-proof mixed flow extractor fans

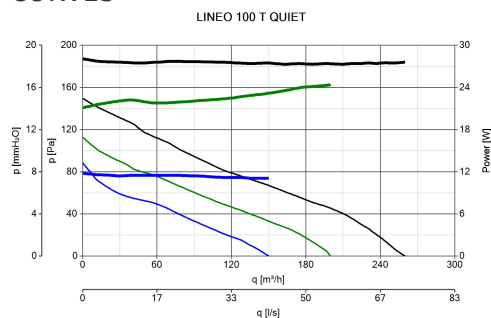


### DESCRIPTION

- Enclosures made of fire resistant plastic resin, E2 class, according with ISO EN 11925-2: 2010, in areas close to motor and electrical components.
- Casing integrating a sound-absorbing coating, optimized to minimize sound emissions radiated into the environment and transmitted through exhaust and supply ducts.
- Nominal diameter 100 mm.
- Induction motor, thermally protected, with shaft mounted on ball

- bearing supports, coupled with a centrifugal impeller.
- Equipped with an electronic timer for automatic operation at maximum speed, which can be set in the 3-20' range at the installation (default setting 3').
- High water resistance: IPX5 (if installed in a duct).
- Speed adjustable through Vortice speed devices.

### CURVES



### ACCESSORIES



### TRIO-LINEO

**503**

Code 12891

#### PER INFORMAZIONI:

Servizio al Cliente: tel +39 02 90699395 premendo 1 dopo messaggio registrato (consulenza su prodotti e impianti)

Pre & Post Vendita: fax +39 02 90699302

Email prevendita: [prevendita@vortice-italy.com](mailto:prevendita@vortice-italy.com)